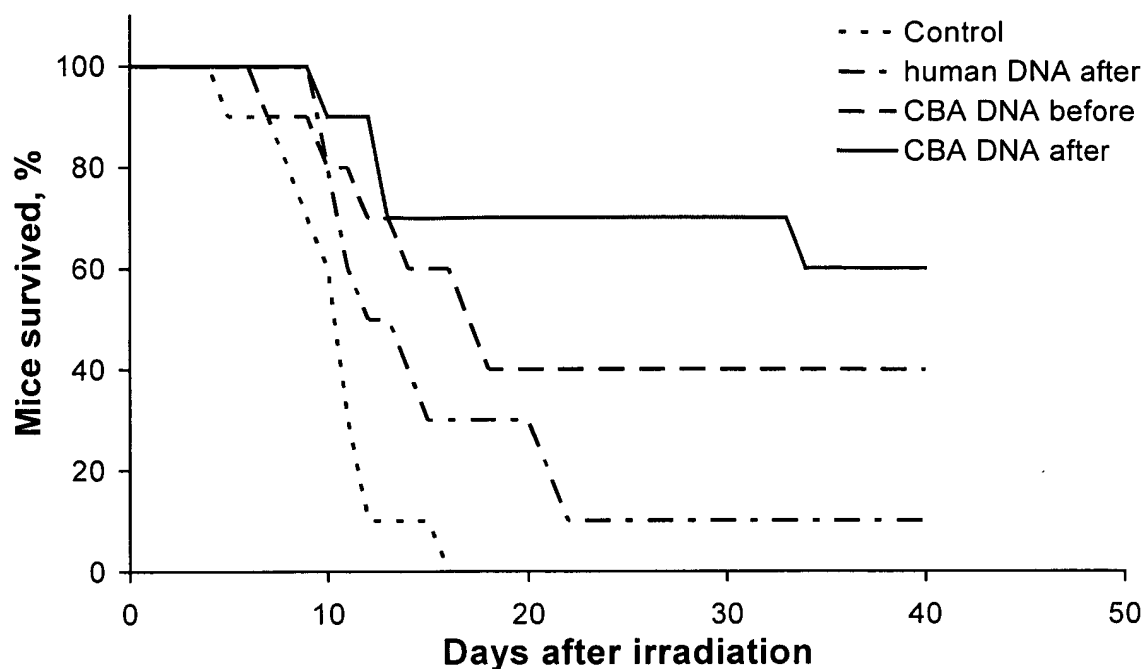


EXHIBIT 4



Survival of Mice Irradiated by Lethal Dose of γ -Irradiation After DNA Treatments. Four groups of 10 four-month old female CBA strain mice were gamma-irradiated simultaneously using ^{137}Cs irradiator with intensity 1.3 Gy/min with total dose 9.1 Gy equal approximately to LD_{100} doses. Different treatments were applied to four groups of mice: 1st, control group got placebo, daily i.p. injections of physiologic salt solution starting 30 min post irradiation for 3 days; 2nd, daily injections, 1mg for first day, 0.5 mg and 0.5 mg for second and third days, of human DNA starting 30 min post irradiation; 3rd, one injection of 1 mg of CBA mice DNA 30 min before the irradiation and 4th, daily injections, 1mg for first day, 0.5 mg and 0.5 mg for second and third days murine DNA, starting 30 min post irradiation.



CBA Mice Treated by Mouse DNA Fragments 130 Days Past Lethal Irradiation. Female CBA mice were treated with CBA mouse DNA after irradiation: they survived but became grey-haired. The dark-grey CBA male mouse in the center was not irradiated.